

10/042819  
01/07/02

<b>37 CFR 1.501</b> <b>INFORMATION DISCLOSURE CITATION</b> <b>IN A PATENT</b> (Use several sheets if necessary)				Docket Number (Optional) 1016-N		Patent Number	
				Applicant Cox, et al.			
				Issue Date		Group Art Unit 1634	













U. S. PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER				DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
EW	5	4	4	5	9	3	4	8/29/95	Fodor et al.				9/30/92
	5	5	2	7	6	8	1	6/18/96	Holmes				11/5/92
	5	8	8	0	9	9	2	3/9/99	Lee				12/31/97
	6	2	2	8	6	7	5	5/8/01	Gingeras et al.				2/7/97
	6	0	2	7	8	8	0	2/22/00	Cronin et al.				10/10/95
	5	8	6	1	2	4	2	1/19/99	Chee et al.				1/8/97

FOREIGN PATENT DOCUMENTS											
	DOCUMENT NUMBER				DATE	COUNTRY	CLASS	SUBCLASS	Translation		
									YES	NO	
	0	1	8	0	1	5	6	10/25/01	WIPO	X	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)	
	N. Patil, A. J. Barno, D. A. Hinds, W. A. Barrett, J. M. Doshi, C. R. Hacker, C. R. Kautzer, D. H. Lee, C. Majorbanks, D. P. McDonough, B. T. N. Nguyen, M. C. Norris, J. B. Sheehan, N. Shen, D. Stem, R. P. Stokowski, D. J. Thomas, M. O. Trulson, K. R. Vyas, K. A. Frazer, S. P. A. Fodor, and D. R. Cox. "Blocks of Limited Haplotype Diversity Revealed by High-Resolution Scanning of Human Chromosome 21" <i>Science</i> 294: 1719-1723, (2001).
	Slides from corporate presentation presented by Perlegen Sciences, Inc.
	U.S. Ser. No. 60/327,006, filed October 5, 2001, "Identifying Human SNP Haplotypes, Informative SNPs and Use Thereof," assigned to the assignee of the present invention (Attorney docket no. 054801-5001-P2; 1005-P3, incorporated herein by reference for all purposes).
	Daly, M.J., Rioux, J.D., Schaffner, S.F., Hudson, T.J., Lander, E.S. High-resolution haplotype structure in the human genome" <i>Nature Genetics</i> 29, 228-232, (2001).
	Agarwal, P. et al. "Comparison study for identifying promoter allelic polymorphism in interleukin 10 and tumor necrosis factor alpha genes" <i>Diagn Mol Pathol</i> 9, 158-64(2000).
	Cooksey, R.C., Holloway, B.P., Oldenburg, M.C., Listenbee, S. & Miller, C.W. "Evaluation of the Invader assay, a linear signal amplification method, for identification of mutations associated with resistance to rifampin and isoniazid in <i>Mycobacterium tuberculosis</i> " <i>Antimicrob Agents Chemother</i> 44, 1296-301 (2000).
	Griffin, T.J. & Smith, L.M. "Single-nucleotide polymorphism analysis by MALDI-TOF mass spectrometry" <i>Trends Biotechnol</i> 18, 77-84 (2000).
	Griffin, T.J. & Smith, L.M. "Genetic identification by mass spectrometric analysis of single-nucleotide polymorphisms: ternary encoding of genotypes" <i>Analytical Chemistry</i> 72, 3298-3302 (2000).

	Hall, J.G. et al. "Sensitive detection of DNA polymorphisms by the serial invasive signal amplification reaction" <i>Proc Natl Acad Sci U S A</i> 97, 8272-8277 (2000).
	Hessner, M.J., Budish, M.A. & Friedman, K.D. "Genotyping of factor V G1691A (Leiden) without the use of PCR by invasive cleavage of oligonucleotide probes" <i>Clin Chem</i> 46, 1051-6 (2000).
	Ledford, M. et al. "A multi-site study for detection of the factor V (Leiden) mutation from genomic DNA using a homogeneous Invader <sup>®</sup> microtiter plate FRET assay" <i>J Molec Diagnostics</i> 2, 97-104 (2000).
	Lyamichov, V.I. et al. "Experimental and theoretical analysis of the invasive signal amplification reaction" <i>Biochemistry</i> 39, 9523-32 (2000).
	Meln, C.A. et al. "Evaluation of single nucleotide polymorphism typing with Invader on PCR amplicons and its automation" <i>Genome Res</i> 10, 330-43 (2000).
	Arnold, B.A., Hepler, R.W., and Keller, P.M. "One-Step Fluorescent Probe Product-Enhanced Reverse Transcriptase Assay" <i>BioTechniques</i> 25(1):98-106, (1998).
	Becker K., D. Pan and C.B. Whitley. 1999. "Real-time quantitative polymerase chain reaction to assess gene transfer" <i>Hum. Gene Ther.</i> 10:2559-2566, (1999).
	Berg, T., Miller, A.R., Platz, K.P., Hohne, M., Bechstein, W.O., Hopf, U., Wiedenmann, B., Neuhaus, P., and Schreier, E. "Dynamics of GB virus C viremia early after orthotopic liver transplantation indicates extrahepatic tissues as the predominant site of GB virus C replication" <i>Hepatology</i> 28(1):245-249, (1999).
	Judson R, Stephens JC. "The predictive power of haplotypes in clinical response" <i>Pharmacogenomics</i> . 1(1):15-26, (2000).
	Drysdale, CM, McGraw DW, Stack CB, Stephens JC, Judson RS, Nandabalan K, Arnold K, Ruano G, Liggett SB "Complex promoter and coding region beta 2-adrenergic receptor haplotypes alter receptor expression and predict in vivo responsiveness" <i>Proc National Academy of Sciences U S A</i> . 97(19):10463-6, (2000).
	Judson, R., Stephens, J.C., "Notes from the SNP vs. haplotype front" <i>Pharmacogenomics</i> . 2 (1):1-7 (2001).
EXAMINER 	DATE CONSIDERED 7 / 10 / 03

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. PTO/SB/42 (10-99)

1-c928 U.S. PTO

10/042819



01/07/03

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. PTO/SB/42 (10-96)